

PRODUCT DATA SHEET

CTGF N-terminus Human E. coli

Cat. No.: RD172592100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

Hypertrophic chondrocyte-specific protein 24, Insulin-like growth factor-binding protein 8, IGF-binding protein 8, IGFBP-8, IBP-8, CCN family member 2, CTGF, CCN2, HCS24

Description:

Total 154 AA. MW 16.7 kDa (calculated). UniProtKB acc. No. P29279 (Gln27-Thr173). N-terminal His-tag (7 extra AA). Protein identity confirmed by MS.

Amino Acid Sequence:

MHHHHHHQNC SGPCRCPDEP APRCPAGVSL VLDGCGCCRV CAKQLGELCT ERDPCDPHKG
LFCHFVGSPAN RKIGVCTAKD GAPCIFGGTV YRSGESFQSS CKYQCTCLDG AVGCMPLCSM
DVRLPSPDCP FPRRVKLP GK CCEEVWCDEP KDQT

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/ml solution in 20 mM Tris buffer, 50 mM NaCl, 5% w/v trehalose, pH 8.

Reconstitution:

Add deionized water to prepare a working stock solution of approximately 0.25 mg/ml and let the lyophilized pellet dissolve completely.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store lyophilized protein at -80°C. Lyophilized protein remains stable until the expiry date when stored at -80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

Quality Control:

BCA to determine quantity of the protein.

SDS PAGE to determine purity of the protein.

Endotoxin level determination.

Applications:

ELISA, Western blotting

Note:

This product is intended for research use only.